

## **AMENDMENTS TO THE CLAIMS**

Please amend the claims as indicated hereafter.

1. – 64. (Cancelled)

65. (Previously Presented) A method of providing a first service in a conditional access system, the method implemented in a terminal and comprising the steps of:

receiving a stream of packets, the stream of packets including packets comprising the first service and entitlement control messages (ECMs) for the first service;

determining a first entitlement unit number for the first service;

determining whether the terminal is authorized to access the first service based upon the first entitlement unit number and an authorized entitlement unit number that is stored in a memory of the terminal; and

responsive to determining the terminal is not authorized, displaying a second service that is different from something other than the first service.

66. (Currently Amended) The method of claim 65, wherein responsive to determining the terminal is authorized to access the first service further including the steps of:

parsing ECMS for the first service from the stream of packets, wherein each ECM includes a second entitlement unit number that is carried in the payload of the ECM;

confirming that the terminal is authorized to access the first service based upon the second entitlement unit number and the authorized entitlement unit number;

responsive to confirming that the terminal is authorized further including the steps of:

recovering control words from the received ECMS;

decrypting the service using the recovered control words; and

displaying the first service.

67. (Cancelled) The method of claim 66, wherein a user is currently viewing a second service, and wherein the something other that is displayed is a third service.

68. (Currently Amended) The method of claim 65 67, wherein the third second service is a predetermined service.

69. (Previously Presented) The method of claim 68, wherein the predetermined service is a barker service.

70. (Currently Amended) The method of claim 66, ~~wherein a user is currently viewing a second service, and wherein the second service something other than is displayed~~ is a message.

71. (Currently Amended) The method of claim 70 66, wherein the message instructs the user to select another service.

72. (Previously Presented) A method of providing a terminal in a conditional access system with services, the method comprising the steps of:

associating services with entitlement unit numbers;

providing the terminal with an electronic program guide that associates universal service identification numbers to services;

providing the terminal with an entitlement unit table that translates universal service identification numbers to entitlement unit numbers; and

providing the terminal with an authorized entitlement unit number, wherein responsive to the a user selecting a given service, the terminal determines whether the terminal is authorized to access the given service using the electronic program guide, the entitlement unit table, and the authorized entitlement unit number.

73. (Previously Presented) The method of claim 72, wherein the authorized entitlement unit number is provided to the terminal in an entitlement management message.

74. (Previously Presented) The method of claim 72, wherein a given entitlement unit number is associated with a plurality of services.

75. (Previously Presented) The method of claim 72, wherein the terminal is authorized for a first group of services, the first group of services having a first entitlement unit number, and further including the step of:

providing the terminal with a second authorized entitlement unit number, wherein the second authorized entitlement unit number is associated with a second group of services.

76. (Previously Presented) The method of claim 75, wherein the given service is associated with both the first authorized entitlement unit number and the second authorized entitlement unit number.

77. (Previously Presented) The method of claim 72, further including the steps of:  
providing the services in a stream of packets;

multiplexing entitlement control messages for a given service into the stream of packets, wherein each entitlement control message includes a second entitlement unit number, wherein the terminal confirms that the terminal is authorized to access the given service using the second entitlement unit number and the authorized entitlement unit number.

78. (Previously Presented) The method of claim 77, wherein the entitlement control messages includes a plurality of entitlement unit numbers.

79. (Previously Presented) A method of providing a service to a terminal in a conditional access system, the method implemented at the terminal and comprising the steps of:

receiving an electronic program guide that associates universal service identification numbers to services;

receiving an entitlement unit table that translates universal service identification numbers to entitlement unit numbers; and

receiving an authorized entitlement unit number;

receiving user input for a given service;

determining whether the terminal is authorized to access the given service using the electronic program guide, the entitlement unit table, and the authorized entitlement unit number.

80. (Previously Presented) The method of claim 79, wherein the authorized entitlement unit number is carried in an entitlement management message.

81. (Previously Presented) The method of claim 79, further including the step of: storing the authorized entitlement unit number in a memory.

82. (Previously Presented) The method of claim 81, wherein the memory is included in a secure microprocessor having input/output terminals, and the secure microprocessor is characterized by the memory being unobservable at the input/output terminals.

83. (Previously Presented) The method of claim 79, responsive to determining that the terminal is authorized to access the given service, further including the steps of:

receiving a stream of packets, the stream of packets including packets comprising the given service and entitlement control messages (ECMs) for the given service;

responsive to determining that the terminal is authorized to access the given service, further including the steps of:

parsing ECMs for the given service from the stream of packets, wherein each ECM includes an entitlement unit number that is carried in the payload of the ECM;

confirming that the terminal is authorized to access the given service based upon the entitlement unit number and the authorized entitlement unit number;

responsive to confirming that the terminal is authorized further including the steps of:

recovering control words from the received ECMs;

decrypting the given service using the recovered control words; and

displaying the given service.

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84. (Previously Presented) The method of claim 83, wherein the entitlement control messages includes a plurality of entitlement unit numbers, and the step of confirming that the terminal is authorized to access the given service further includes the step of:

comparing each of entitlement unit numbers with the authorized entitlement unit number until one of the entitlement unit numbers matches the authorized entitlement unit number, wherein the terminal is authorized to access the given service if there is a match.